



INTERNATIONAL WATERS RESULTS NOTES

<http://www.iwlearn.net/results>

08-09-2011

VIETNAM-GEF-COASTAL CITIES

WBS:[GE-P090374]; Project Status: [Active]



Site Filling Works for Ha Thanh WWTP using CEPT Technology - June 29, 2011

1. One civil works contract under implementation. Other remaining contract is under procurement. Around US\$500,000 disbursed by the end of Aug.2011.
2. The capacity of the Project Manager and Service Providers has been improved i.e. around 50 staff have benefited from the training and project processing experiences.
3. Still in the construction stage, the project has attracted the interest and attention from related central/local governments, as well from local residents.

Hung Duy Le
hle@worldbank.org
EASVS

PROJECT OBJECTIVE

The objective of the project is to pilot an innovative wastewater treatment technology to reduce the discharge of pollutants from the city of Quy Nhon in Binh Dinh Province into Ha Thanh River and the Thi Nai marine lagoon connected thereto, thereby contributing to improving the health and habitat conditions of the marine and coastal ecosystems of Vietnam. The construction and operation of the pilot wastewater treatment plant will be carried out in a financial and environmentally sustainable manner.

RESULTS: PROCESS

The project was signed on August 12, 2009 and effective from January 4, 2010. The GEF project is an integral part of the IDA financed Coastal Cities Environmental Sanitation Project (CCESP) which involves 3 cities of Nha Trang, Quy Nhon and Dong Hoi. GEF project is specifically implemented in Quy Nhon city, which fully coordinated with IDA funded project. The project is implemented by the Quy Nhon Project Management Unit (PMU) under direction of Binh Dinh Provincial People Committee (PPC).

RESULTS: STRESS REDUCTION

The IDA project finances the constructions of drains, sewers in the core urban area of Quy Nhon, the wastewater treatment plant funded by GEF will treat the domestic wastewater collected by sewers financed by IDA. The GEF project comprises 3 components: (i) Construction of Chemically Enhanced Treatment Plant (CEPT); (ii) Public Communication and Replication Strategy; and (iii) Project Management, Monitoring and Evaluation.

As designed, the GEF is under implementation stage in parallel with IDA project, the construction of CEPT wastewater treatment plant was divided into two (2) packages:

- QN-2.1/CEPT.1A: for the access road and filling of the CEPT, commenced in March 2011 and is progressing satisfactorily; and
- QN-2.1/CEPT.1B: for equipment of the CEPT is under bidding evaluation process will commence in late 2011. Activities under component 2 of Public Communication and Replication Strategy are being designed.

INDICATOR#1-Completion stage of CEPT plant [2010-Initiate facilities construction; 2012-75% completed]: *The infrastructure of the CEPT is under construction in good progress, the equipment of the CEPT is under bidding process which contract will be soon awarded, target possibly reached by end of 2011 or early 2012.*

INDICATOR#2-Number of workshops [2011-0]

INDICATOR#3-Number of publications and presentations [2011-0]

INDICATOR#4-Number of city to city learning event [2011-1, in July in Da lat City]

RESULTS: WATER RESOURCE AND ENVIRONMENTAL STATUS

As mentioned above the investment activities of project is under construction, therefore no results on water resource and environmental status has been achieved. Once the construction is completed and the CEPT plant in operation the expected results will be the improvement of water bodies of Ha Thanh river and Thi Nai Lagoon which would contribute to improve the health and habitat of coastal ecosystem in the coastal line in the central of Vietnam.

INDICATOR#1-Quantity of BOD removed by the treatment process [0]

INDICATOR#2-Quantity of suspended solids removed by the treatment process [0]

INDICATOR#3-Quantity of N&P removed by the treatment process [0]

INDICATOR#4-Volumes of treated wastewater [0]

INDICATOR#5-Number of households connected to the CEPT plant [0]

Investment is under construction; therefore target values are 0 for this year.